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			<b>P region</b>	
Kv1.2	<b>S5</b>	FAE ADERDSQFPSIP DAFWWAVVSM TTVGYGDMV PTTIGGK	<b>S6</b>	
Kv1.3		--- -- DPT - G - S ---		
Kv3.1		Y -- RIGAQPNDPSASEHNT - KN - -		

FIG. 1A

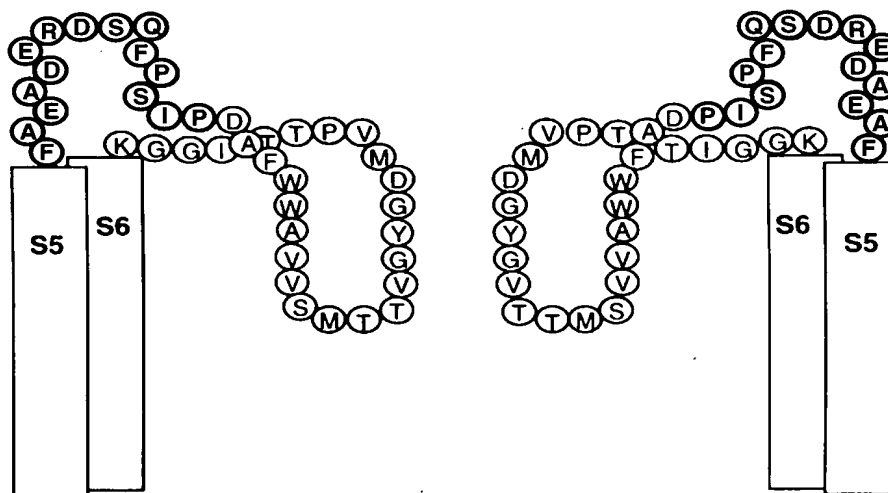


FIG. 1B



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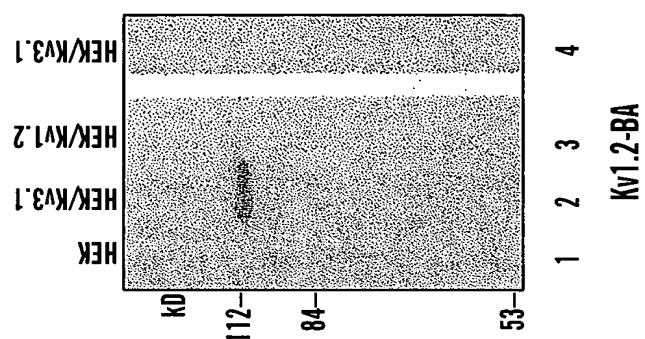


FIG. 1E

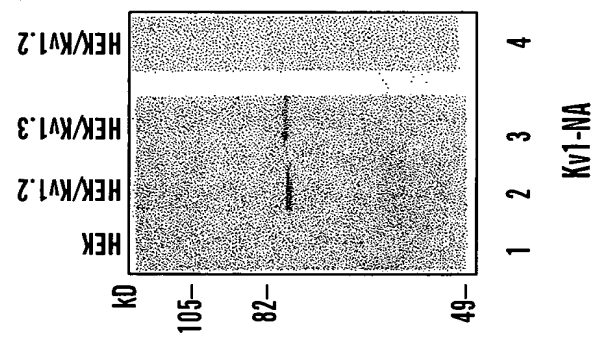


FIG. 1D

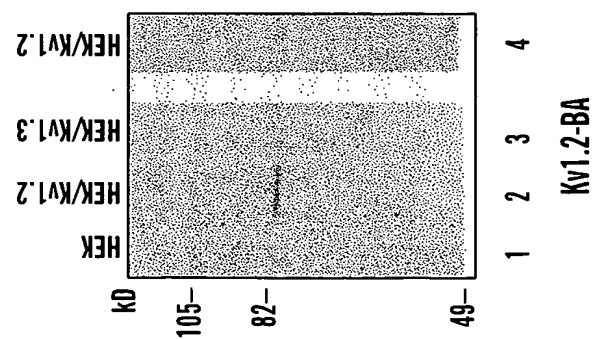
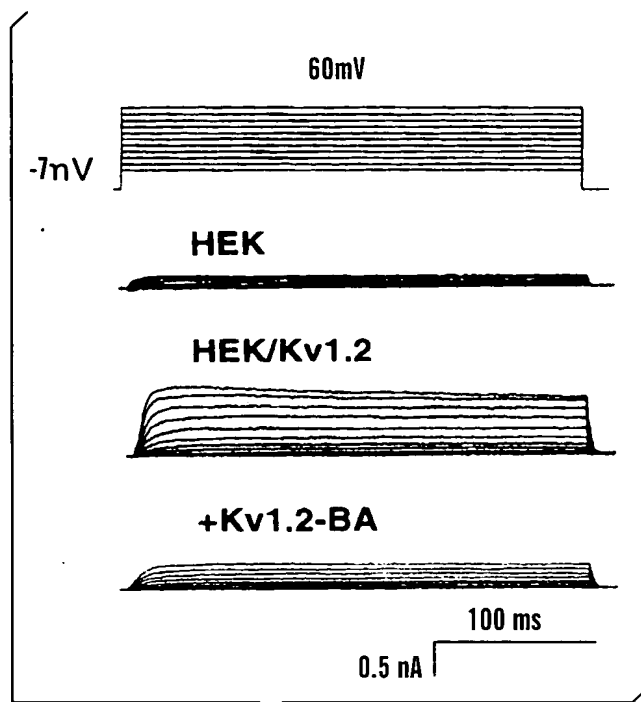


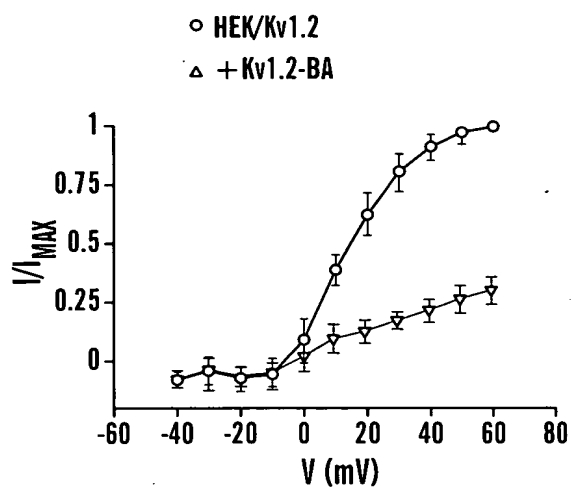
FIG. 1C



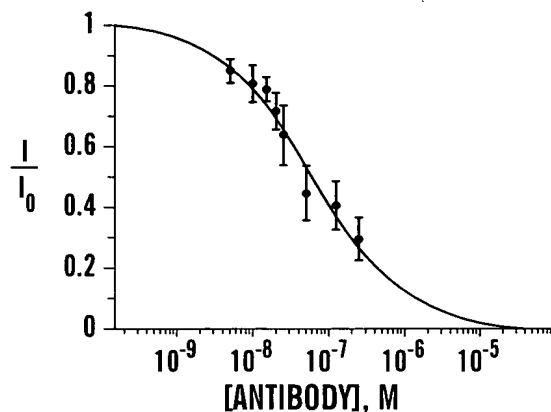
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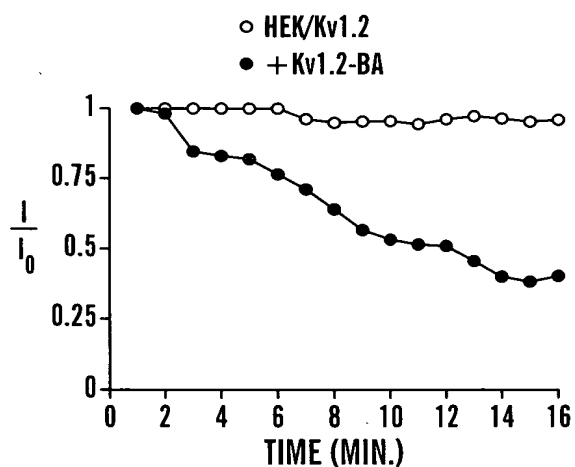
**FIG. 2A**



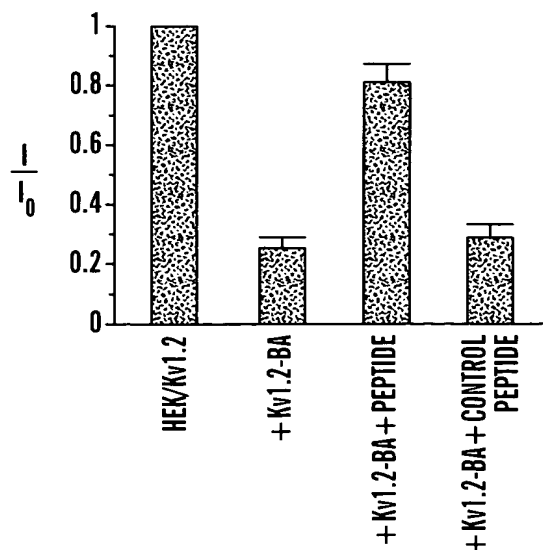
**FIG. 2C**



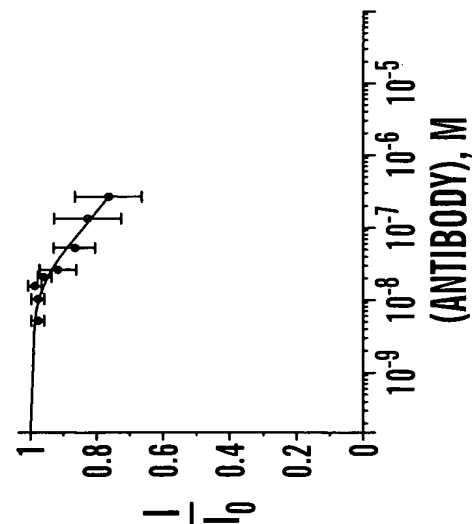
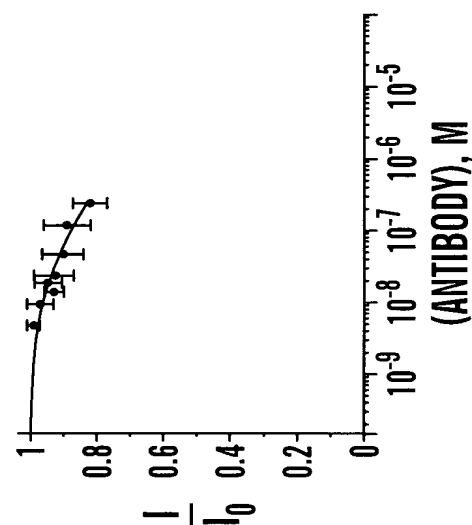
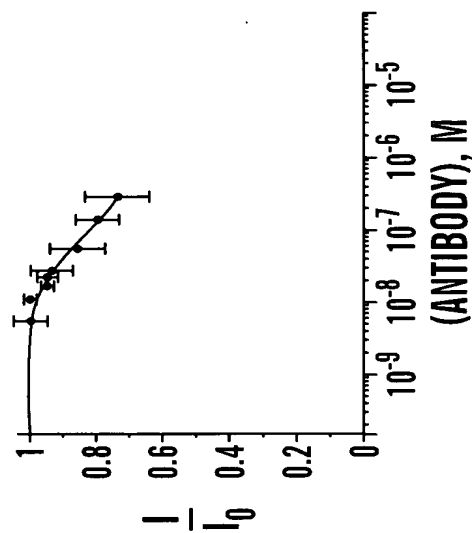
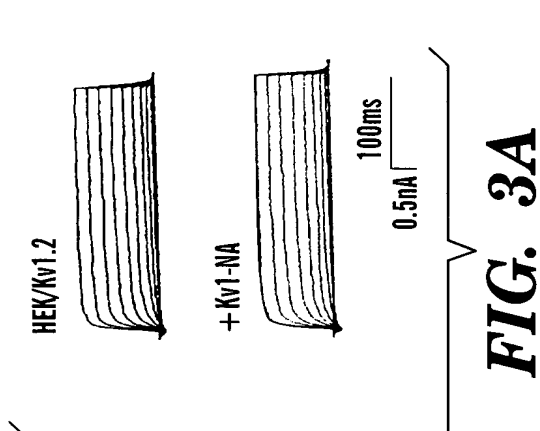
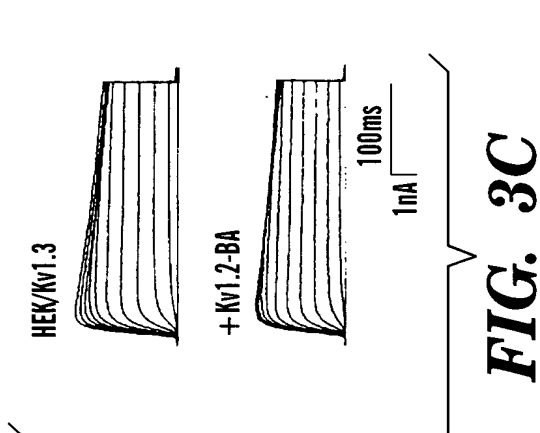
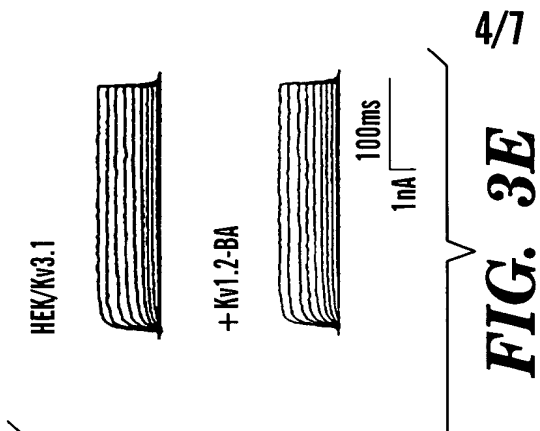
**FIG. 2D**



**FIG. 2B**

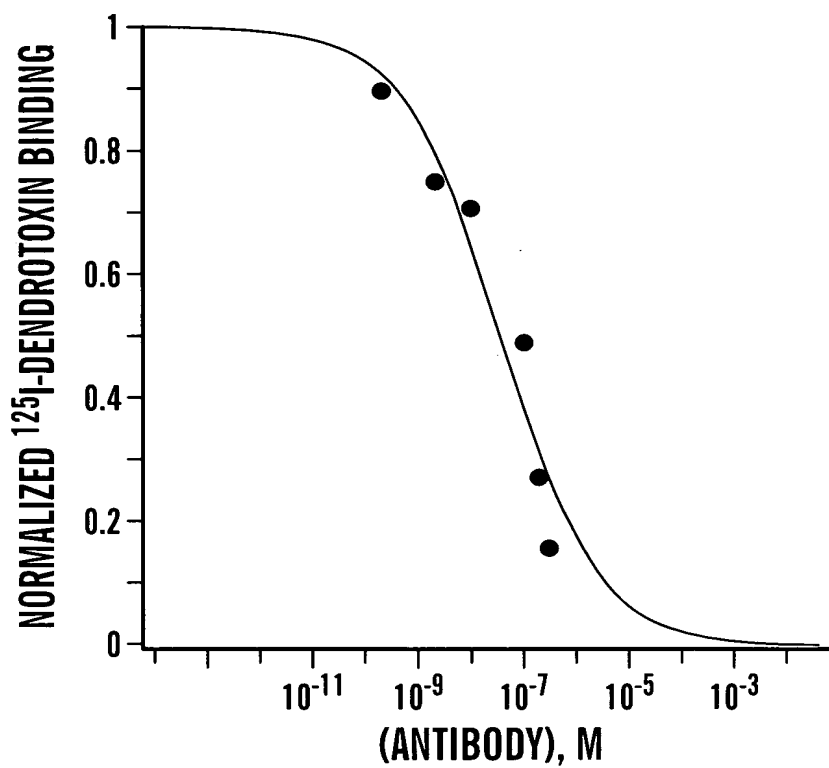


**FIG. 2E**





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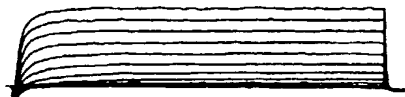


**FIG. 4**



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NG108-15



**FIG. 5A**

+ Kv1.2-BA



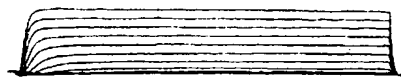
**FIG. 5B**

NG108-15



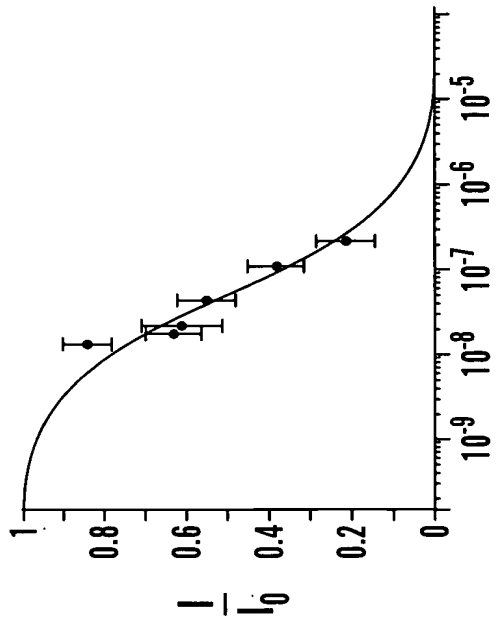
**FIG. 5C**

+ Kv1-NA

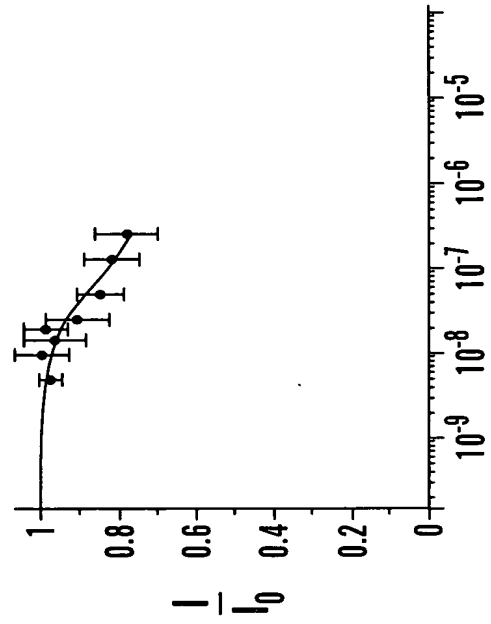


1 nA | 100ms

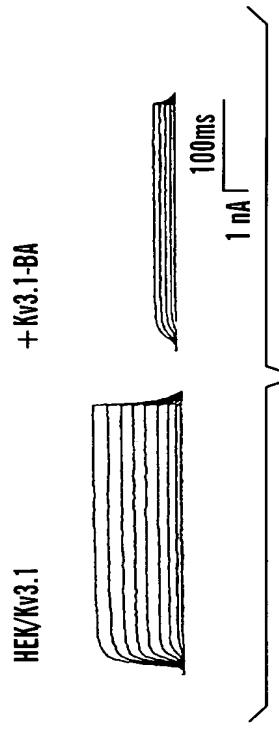
**FIG. 5D**



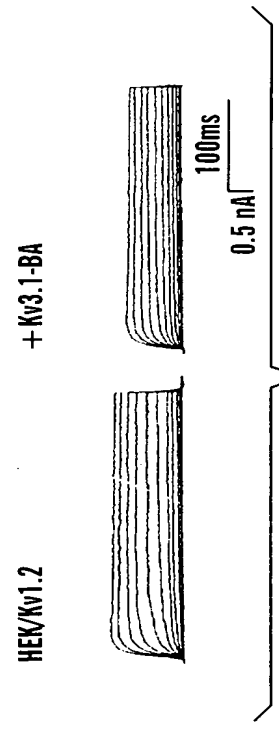
**FIG. 6B**  
(ANTIBODY), M



**FIG. 6D**  
(ANTIBODY), M



**FIG. 6A**



**FIG. 6C**